

NCR-19-7407



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

C10-4

Job Sheet 193861



REPRINT

Part No: C10-4

Job Qty: 12 pcs

Part Name: Lock



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/23/19

Job Tracking No:

Due Date: 5/8/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG C10-4 Rev. 6 IPP Rev. A 18.04.12 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Bandsaw - 1	12 pcs	5/8/19	5/8/19	0.00	12.00	Bandsaw - 1		
120	NV5000 - 1 - B4B	12 pcs	5/8/19	5/8/19	2.00	12.00	NV5000 - 1 - B4B		
							NV5000 - 2 - B4B		
130	QC 2	12 pcs	5/8/19	5/8/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		



Container No: S191999



Part: C10-4

Job No: 193861

Serial No/Batch: S191999

Revision: 6

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 08/15/19

Plex 7/29/19 12:31 PM Dart.Renwick.Jennifer

P.T.O.

Plex 7/29/19 12:31 PM Dart.Renwick.Jennife

https://www.plexonline.com/2870f91a-9780-40d6-8c3f-ef5a1e444ebb/Plexus_Control/Report_View/Viewer_2.asp?URL=https://www.plexonline.com/2870f91... 3/5

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
MT-4140-B-1.500X2.000	4140 Steel Bar 1.500 X 2.000	4.7520 ft (.396 ea)	100-Bandsaw - 1	
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	MT-4140-B-1.500X2.000	5	1	0
Part Specifications				
Specifications could not be found.				

Plex 7/29/19 12:31 PM Dart.Renwick.Jennifer



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Tel (613) 632-5200
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C10-4

Job Sheet 193861



REPRINT

Part No: C10-4

Job Qty: 12 pcs

Part Name: Lock



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/23/19

Job Tracking No:

Due Date: 5/8/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG C10-4 Rev. 6 IPP Rev. A 18.04.12 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Bandsaw - 1	12 pcs	5/8/19	5/8/19	0.00	12.00	Bandsaw - 1	
120	NV5000 - 1 - B4B	12 pcs	5/8/19	5/8/19	2.00	12.00	NV5000 - 1 - B4B	
							NV5000 - 2 - B4B	
130	QC 2	12 pcs	5/8/19	5/8/19	0.00	0.00	QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	

See Attached



Dart Aerospace Ltd.
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Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S191999



Part: C10-4

Job No: 193861

Serial No/Batch: S191999

Revision: 6

Inspector:

Exp Date:

Instructions:

Date: 07/09/19

Plex 7/3/19 9:35 AM Dart.Guerin.Kimberley

140 QC 8	12 pcs	5/8/19	0.00	0.00	QC 2 - 64		
					QC 2 - 65		
					QC 2 - 5		
					QC 2 - 71		
					QC 2 - 73		
					QC 8 - 12		
					QC 8 - 14		
					QC 8 - 17		
					QC 8 - 20		
					QC 8 - 25		
					QC 8 - 3		
					QC 8 - 32		
					QC 8 - 33		
					QC 8 - 35		
					QC 8 - 39		
					QC 8 - 4		
					QC 8 - 44		
					QC 8 - 45		
					QC 8 - 49		
					QC 8 - 58		
					QC 8 - 8		
					QC 8 - 9		
					QC 8 - 68		
					QC 8 - 67		
					QC 8 - 1 (A)		
					QC 8 - 47		
					QC 8 - 40		
					QC 8 - 52		
					QC 8 - 23		
150 Outsource - 1 - Heat Treat	12 pcs	5/8/19			ATL002-VC	5	2019-07-03
160 Packaging 2-1 - Receive - B4B	12 pcs	5/8/19	0.00	0.00	Packaging 2 - 1 - B4B		
					Packaging 2 - 2 - B4B		
					Packaging 2 - 3 - B4B		
					Packaging 2 - 5 - B4B		
					Packaging 2 - 4 - B4B		
					Packaging 2 - 6 - B4B		
					Packaging 2 - 7 - B4B		
					Packaging 2 - 8 - B4B		
					Packaging 2 - 9 - B4B		
					Packaging 2 - 10 - B4B		
					Packaging 2 - 11 - B4B		
					Packaging 2 - 12 - B4B		
					Packaging 2 - 13 - B4B		
					Packaging 2 - 14 - B4B		
					Packaging 2 - 15 - B4B		
					Packaging 2 - 16 - B4B		
					Packaging 2 - 17 - B4B		
					Packaging 2 - 18 - B4B		
					Packaging 2 - 19 - B4B		
					Packaging 2 - 20 - B4B		
					Packaging 2 - 21 - B4B		
					Packaging 2 - 22 - B4B		
					Packaging 2 - 23 - B4B		
					Packaging 2 - 24 - B4B		
					Packaging 2 - 25 - B4B		
					Packaging 2 - 26 - B4B		
					Packaging 2 - 27 - B4B		
					Packaging 2 - 28 - B4B		
					Packaging 2 - 29 - B4B		
					Plex 7/3/19 9:35 AM Dart.Guerin.Kimberley		

					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
170	QC 6	12 pcs	5/8/19	0.00 0.00	QC 6 - 9	
					QC 6 - 68	DAS
					QC 6 - 61	61
					QC 6 - 40	9-89
180	Outsource - 15 - Nickel Plate	12 pcs	5/8/19		GRO002-VC WIT005	2019-07-10
190	Packaging 2-2 - Recelve - B4B	12 pcs	5/8/19	0.00 0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	
					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
200	QC 6	12 pcs	5/8/19	0.00 0.00	QC 6 - 9	
					QC 6 - 68	DAS
					QC 6 - 61	61
					QC 6 - 40	9-89
210	Packaging 3-1 - Stock - B4B	12 pcs	5/8/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	

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					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
220 QC 21 - SA	12 pcs	5/8/19	0.00	0.00	QC 21 - SA - 21	
					QC 21 - SA - 70	
					QC 21 - SA - 53	

Part Op 100 - (Bandsaw) 1- Cut blanks to 4.89" long
 Descriptions: 120 - NV5000-2 (MORI SEIKI VERTICAL MACHINE #2) 1-Machine as per folio FC383 FOLIO REV: AA DWG
 REV: 6 2-Machine Engrave S/N 3-Debur
 130 - (QC2- Inspect parts off machine FAI/FAIB)
 140 - (QC8- Inspect parts - second check)
 150 - HEAT TREAT TO RC 40-44 1-Issue P/O; P/O 43916 RC _____ 2-Bead blast 3- Certificate of Conformity is required
 160 - (Receive & Inspect for Damage & Mat'l Certs) Receive
 170 - QC6- All purchased or subcontracted products
 180 - (Outside Processing - Nickel Plate) -Issue P/O to ULT002 43954 -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 - Certificate of Conformity is required
 190 - (Receive & Inspect for Damage & Mat'l Certs)
 200 - (QC6- All purchased or subcontracted products)
 210 - (Identify as per dwg & Stock Location: _____) Identify and Stock
 220 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140-B-1.500X2.000	4140 Steel Bar 1.500 X 2.000	4.7520 ft (.396 ea)	100-Bandsaw - 1	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	MT-4140-B-1.500X2.000	5	1	0

Part Specifications

Specifications could not be found.



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C10-4

Job Sheet 193861



Part No: C10-4

Job Qty: 12 pcs

Part Name: Lock



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/23/19

Job Tracking No:

Due Date: 5/8/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG C10-4 Rev. 6 IPP Rev. A 18.04.12 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter / Supplier Lead Time	Sign-off
					Setup Hrs	Run Hrs		
100	Bandsaw - 1	12 pcs	5/8/19	5/8/19	0.00	12.00	Bandsaw - 1	Kt 19.06.21
120	NV5000 - 1 - B4B	12 pcs	5/8/19	5/8/19	2.00	12.00	NV5000 - 1 - B4B	Kt 19.06.21
							NV5000 - 2 - B4B	
130	QC 2	12 pcs	5/8/19	5/8/19	0.00	0.00	QC 2 - 1	Kt 19.06.21
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 6	
							QC 2 - 66	

140	QC 8	12 pcs	5/8/19	0.00	0.00	QC 2 - 64	
						QC 2 - 65	
						QC 2 - 5	
						QC 2 - 71	
						QC 8 - 12	
						QC 8 - 14	
						QC 8 - 17	
						QC 8 - 20	
						QC 8 - 25	
						QC 8 - 3	
						QC 8 - 32	
						QC 8 - 33	
						QC 8 - 35	
						QC 8 - 39	
						QC 8 - 4	
						QC 8 - 44	
						QC 8 - 45	
						QC 8 - 49	
						QC 8 - 58	
						QC 8 - 8	B.p 19-07-02
						QC 8 - 9	
						QC 8 - 68	
						QC 8 - 67	
						QC 8 - 1 (A)	
						QC 8 - 47	
						QC 8 - 40	
						QC 8 - 52	
						QC 8 - 23	
150	Outsource - 1 - Heat Treat	12 pcs	5/8/19			ATL002-VC	5
160	Outsource - 15 - Nickel Plate	12 pcs	5/8/19			GRO002-VC	5
170	Packaging 2-1 - Receive - B4B	12 pcs	5/8/19	0.00	0.00	Packaging 2 - 1 - B4B	
						Packaging 2 - 2 - B4B	
						Packaging 2 - 3 - B4B	
						Packaging 2 - 5 - B4B	
						Packaging 2 - 4 - B4B	
						Packaging 2 - 6 - B4B	
						Packaging 2 - 7 - B4B	
						Packaging 2 - 8 - B4B	
						Packaging 2 - 9 - B4B	
						Packaging 2 - 10 - B4B	
						Packaging 2 - 11 - B4B	
						Packaging 2 - 12 - B4B	
						Packaging 2 - 13 - B4B	
						Packaging 2 - 14 - B4B	
						Packaging 2 - 15 - B4B	
						Packaging 2 - 16 - B4B	
						Packaging 2 - 17 - B4B	
						Packaging 2 - 18 - B4B	
						Packaging 2 - 19 - B4B	
						Packaging 2 - 20 - B4B	
						Packaging 2 - 21 - B4B	
						Packaging 2 - 22 - B4B	
						Packaging 2 - 23 - B4B	
						Packaging 2 - 24 - B4B	
						Packaging 2 - 25 - B4B	
						Packaging 2 - 26 - B4B	
						Packaging 2 - 27 - B4B	
						Packaging 2 - 28 - B4B	
						Packaging 2 - 29 - B4B	

					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
180 QC 6	12 pcs	5/8/19	0.00	0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
190 Packaging 3-1 - Stock - B4B	12 pcs	5/8/19	0.00	0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
200 QC 21 - SA	12 pcs	5/8/19	0.00	0.00	QC 21 - SA - 21	
					QC 21 - SA - 70	
					QC 21 - SA - 53	

Part Op 100 - (Bandsaw) 1- Cut blanks to 4.89" long
 Descriptions: 120 - NV5000-2 (MORI SEIKI VERTICAL MACHINE #2) 1-Machine as per folio FC383 FOLIO REV: AA DWG
 REV: 6 2-Machine Engrave S/N 3-Deburr
 130 - (QC2- Inspect parts off machine FAI/FAIB)
 140 - (QC8- Inspect parts - second check)
 150 - (Outsource process - Heat Treat) 1-Issue P/O to Metcore ; P/O _____ RC 40-44 2-Bead blast 3-
 Certificate of Conformity is required ***NOTE*** DROP SHIP TO FINISHER Metcore to ship directly to Groupe Altech or
 ATG***
 160 - (Outside Processing - Nickel Plate) -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class
 2, Grade E or F -Nickel Plate .0004- .0006 - Certificate of Conformity is required
 170 - (Receive & Inspect for Damage & Mat'l Certs) Receive

4/23/2019

[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

180 - (QC6- All purchased or subcontracted products)

190 - (Identify as per dwg & Stock Location: _____) Identify and Stock

200 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140-S-1.500X2.000	4140 Steel Bar 1.500 X 2.000	4.7520 ft (.396 ea)	100-Bandsaw - 1	S1580 98 X 1

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	MT-4140-S-1.500X2.000	5	17	0

Part Specifications

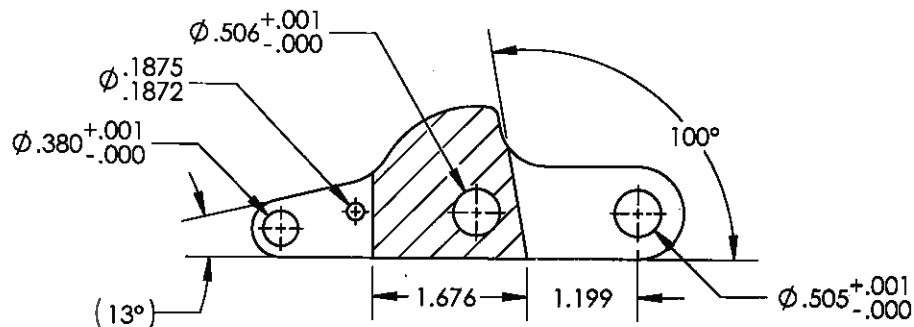
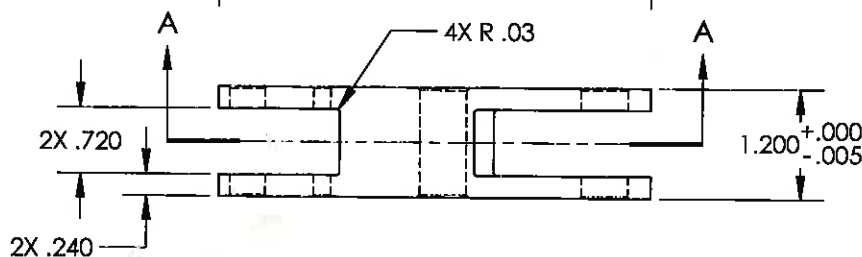
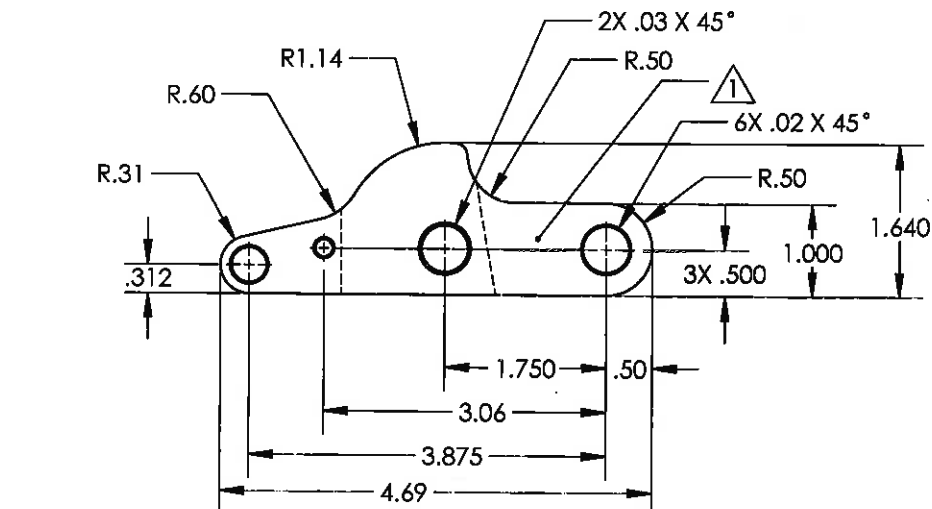
Specifications could not be found.

Plex 4/23/19 1:17 PM Dart.lajeunesse.marie

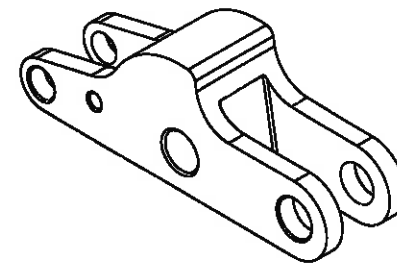
MAT
used
4.936'

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
5		AS DRAWN BY CANAM.	4/30/2013	CFS
6	14-0114	CH'D TITLE BLOCK WAS RED BARN IS DART. ADDED MACHINE ENGRAVE NOTE. DELETED DUPLICATE DIMENSIONS .720 & .240.	8/8/2014	DPD



SECTION A-A



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 193861 M15
19-04-23

NOTES:

1. MACHINE ENGRAVE BATCH NUMBER.
2. NICKEL PLATE .0004 - .0006, BAKE AFTER PLATING.

DART AEROSPACE	
TITLE LOCK	
DWG NO. C10-4	
REV 6	
MAT'L 4140	DRAWN BY: CANAM
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	APPROVED <i>D. Weir</i>
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT HRC 40-44
	FINISH SEE NOTE 2
	SPEC
	USED ON MODEL
SCALE 1:2	DATE 4/26/2002
SHEET 1 OF 1	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
			C10-4	1	LOCK	4140	1-3/8 X 1-3/4 X 4-3/4



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB043916**



Supplier: ATL002-VC
Atlantic Heat Treat 2001
401 Frankcom
Ajax
ON
L1S 1R4 Canada
Phone: 866 257 6395

Attention: Ananth, Nimmy

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043916

PO Date: 7/3/19

Due Date: 7/12/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Phone:

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	197132	C10-9-4	Latch Shaft Bearing (Outsource process - Heat Treat) 1--Issue P/O to Atlantic; P/O RC 37-40 2-Bead blast Material 4140 3- Certificate of Conformity is required	Firmed -		7/12/19	27 pcs	0 pcs	27 pcs	\$2.7777/pcs	\$75.00
							27 x	JUL 09 2019			
2	193861	C10-4	Lock HEAT TREAT TO RC 40-44 1--Issue P/O 2-Bead blast Material 4140 3- Certificate of Conformity is required	Firmed -		7/12/19	12 pcs	0 pcs	12 pcs	\$15.00/pcs	\$180.00
							12 x	JUL 09 2019			
										DAS 61 9-89	
3	193897	C3-13-4	KEEPER Outsource process - Heat Treat - 1--Issue P/O RC 44-46 2-Bead blast Material 4140 3- Certificate of Conformity is required	Firmed -		7/12/19	20 pcs	0 pcs	20 pcs	\$8.50/pcs	\$170.00
							20 x	JUL 09 2019			
Grand Total:										\$425.00	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER
POHB043916



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 7/8/19 3:21 PM Dart.Guerin.Kimberley

Atlantic Heat Treating (2001) Ltd

Order No.: 167881

Ship Date: 5/7/2019

Shipping Ticket

Sold To: 1448
DART AEROSPACE LTD.
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Ship To: 164781
DART AEROSPACE LTD.
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Page 1 of 1

Purchase Order Number	Packing List No	Customer Job No	Route	Carrier
POHB043916 ✓				

Quantity	Part No. / Part Name / Part Description	Pounds
	12 PCS MATERIAL 4140 ANNEAL AND HEAT TREAT TO 40-44RC SANDBLAST, C OF C, PRT# C10-4, JOB# 193861 ✓	DAS 61 9-89

Container Type	# Of Containers	Cust Cont Id	Container Type	# Of Containers	Cust Cont Id
BOX	1				

NOTICE: OUR LIABILITY IS LIMITED TO OUR INVOICE CHARGES ONLY

Shipped Complete

Quantity Shipped:

12

Pounds Shipped:

12.00

RECEIVED

JUL 09 2019

DART AEROSPACE LTD.

Bk

Re

43

7-8-19

Order No.: 167881

Shipped Complete

Quantity Shipped:

12.00

Received By:

Date:

Pounds Shipped:

12.00

Sold To: DART AEROSPACE LTD.

Shipped ON: 07/05/2019

Certification

Date: 07/08/2019

Entry Date: 07/05/2019

Page: 1 of 1

To:DART AEROSPACE LTD.
1270 ABERDEEN ST

Purchase Order No.: POHB043916 ✓

Packing List No.:

HAWKESBURY ON K6A 1K7

Material: 4140

We are pleased to provide you with the following Certificate of Compliance.

Quantity	Part Number / Part Name / Part Description	Pounds
12	12 PCS MATERIAL 4140 ANNEAL AND HEAT TREAT TO 40-44RC SANDBLAST, C OF C, PRT# C10-4, JOB# 193861	12

Insp. Type	Scale	Minimum	Maximum	Number	Other
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Customer Requirements:

Harden rockwell

DAS
61
9-89Results:

Harden ROCKWE 40. 44. 43. TESTED AS PER SAMPLING PLAN

HEAT TREATED TO 43 RC AS PER CUSTOMER REQUEST

STATEMENT OF LIMITED LIABILITY (PLEASE READ CAREFULLY). ALL WORK IS ACCEPTED SUBJECT TO THE FOLLOWING CONDITIONS: It is recognized that even after employing all the scientific methods known to us, hazards still remain in metal treating. THEREFORE, OUR LIABILITY SHALL NOT EXCEED TWICE THE AMOUNT OF OUR CHARGES FOR THE WORK DONE ON ANY MATERIAL (FIRST TO REIMBURSE FOR THE CHARGES AND SECOND TO COMPENSATE IN THE AMOUNT OF THE CHARGES), EXCEPT BY WRITTEN AGREEMENT SIGNED BY THE METAL TREATER. THE CUSTOMER, BY CONTRACTING FOR METAL TREATMENT, AGREES TO ACCEPT THE LIMITS OF LIABILITY AS EXPRESSED IN THIS STATEMENT TO THE EXCLUSION OF ANY AND ALL PROVISIONS AS TO LIABILITY ON THE CUSTOMER'S OWN INVOICES, PURCHASE ORDERS OR OTHER DOCUMENTS. IF THE CUSTOMER DESIRES HIS OWN PROVISIONS AS TO LIABILITY TO REMAIN IN FORCE AND EFFECT, THIS MUST BE AGREED TO IN WRITING, SIGNED BY AN OFFICER OF THE TREATER, IN SUCH EVENT, A DIFFERENT CHARGE FOR OUR SERVICES REFLECTING THE HIGHER RISK TO TREATER, SHALL BE DETERMINED BY THE TREATER AND CUSTOMER. THE TREATER MAKES NO EXPRESS OR IMPLIED WARRANTIES AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF THE FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, AS TO THE PERFORMANCE OF CAPABILITIES OF THE MATERIAL AS HEAT TREATED, OR THE HEAT TREATMENT. THE AFOREMENTIONED LIMITATION OF LIABILITY STATED ABOVE IS SPECIFICALLY IN LIEU OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS, AND OF ANY OTHER SUCH OBLIGATION ON THE PART OF THE TREATER. No claim for shortage in weight or count will be entertained unless presented within five (5) working days after receipt of materials by customer. No claim will be allowed for shrinkage, expansion, deformity, or rupture of material in treating or straightening, except by prior written agreement, as above, nor in any case for rupture caused by or occurring during subsequent grinding. Whenever we are given material with detailed instructions as to treatment, our responsibility shall end with the carrying out of those instructions. Failure by a customer to indicate plainly and correctly the kind of material (i.e., proper alloy designation) to be treated, shall cause an extra charge to be made to cover any additional expense incurred as a result thereof, but shall not change the limitation of liability stated above. Customer agrees there will be no liability on the treater in contract for any special, indirect or consequential damages arising whatsoever, including but not limited to personal injury, property damage, loss of profits, loss of production, recall or any other losses, expenses or liabilities allegedly occasioned by the work performed on the part of the treater. It shall be the duty of the customer to inspect the merchandise immediately upon its return, and in any event claims must be reported prior to the time that any further processing, assembling or any other work undertaken. OUR LIABILITY TO OUR CUSTOMERS SHALL CEASE ONCE ANY FURTHER PROCESSING, ASSEMBLING OR ANY OTHER WORK HAS BEEN UNDERTAKEN ON SAID MATERIAL. No agent or representative is authorized to alter the above conditions, except by writing duly signed by an officer of treater.


KEAN SHEPHERD
QUALITY CONTROL
ATLANTIC HEAT TREATING 2001 LTD



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB043954



Supplier: ULT002-VC
Ultraspec Inc.
2600 De Miniac
St Laurent
QC
H4S 1V5 Canada
Phone: 5143371782
Fax: 5143371784

PO No: POHB043954
PO Date: 7/9/19
Due Date: 7/22/19
Purchase Order Revision:
Revision Date:
Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Pymt Terms: Net 30
Freight Terms: Prepaid
Special Comments:

E-MAILED
2019-07-15

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	193448	C45-4-4A	C45 Load Beam Assembly Outsource15 (Outside Processing - Nickel Plate) -Issue P/O -Nickel plate, QQ-N-290, Class 2, Grade C -Nickel Plate .0009-.0011 - Certificate of Conformity is required	Firmed	-	7/22/19	7 pcs	0 pcs	7 pcs	\$10.48/pcs	\$73.36
2	193895	C3-12-3	Lock - C3 Hook (Outside Processing - Nickel Plate) -Issue P/O -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004-.0006 - Certificate of Conformity is required	Firmed	-	7/22/19	20 pcs	0 pcs	20 pcs	\$5.25/pcs	\$105.00
3	197132	C10-9-4	Latch Shaft Bearing (Outside Processing - Nickel Plate) -Issue P/O -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004-.0006 -Bake after plating -Certificate of Conformity is required	Firmed	-	7/22/19	27 pcs	0 pcs	27 pcs	\$5.80/pcs	\$156.60

7 X JUL 23 2019

5195984

20 X JUL 23 2019

5190711

27 X JUL 23 2019

5194938



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER
POHB043954



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	196337	4.5NR-10	Lock Roller Pin Outside Processing - Nickel Plate -Issue P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004-.0006 Bake after plating - Certificate of Conformity is required	Firmed	-	7/22/19	30 pcs	0 pcs	30 pcs	\$5.80/pcs	\$174.00
30 x JUL 23 2019 5193819											
5	193897	C3-13-4	KEEPER Outside Processing - Nickel Plate -Issue P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004-.0006 - Certificate of Conformity is required	Firmed	-	7/22/19	20 pcs	0 pcs	20 pcs	\$5.25/pcs	\$105.00
20 x JUL 23 2019 5192911											
6	193861	C10-4	Lock (Outside Processing - Nickel Plate) -Issue P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004-.0006 - Certificate of Conformity is required	Firmed	-	7/22/19	12 pcs	0 pcs	12 pcs	\$6.75/pcs	\$81.00
12 x JUL 23 2019 5191999											
Grand Total:										\$694.96	

Order Notes

Procurement Quality Clauses

- A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

- A022 Apical Processing
A024 process certifications
A026 certification of material conformance

- A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

- ### A048 counterfeit parts avoidance, detection, mitigation and disposition program

- ### A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 7/15/19 4:14 PM Dart.Guerin.Kimberley



CERTIFICAT DE CONFORMITÉ / CERTIFICATE OF COMPLIANCE
BON DE LIVRAISON / PACKING SLIP
047071-1

BUYER:

Client / Customer: DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON, K6A1K7 CANADA Tel.: 613-632-5200 Fax.:	Livrer À / Ship To: DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON, K6A1K7 CANADA Tel.: 613-632-5200 Fax.:
---	--

Date	Genère Par Generated By	Packaging Paquets	Vendor Code Code Vendeur	Transport	Customer PO / BC Client		
22-Jul-2019	Fadi Suleman				POHB043954		
#	No. de Serie / Part Number Line Item Details	Description/Information Additionnelle Additional Information			Commandée Ordered	Acceptée Accepted	Rejetée Rejected
1	C3-12-3 Rev. ✓	LOCK - C3 HOOK Job No./WO. 193895 MAT: - Prog./Prime: /COMM. GLASS BEAD BLAST WITH NO. 7 GRADE PER MIL-STD-1504, REV. C ELECTROLESS NICKEL PLATING PER ASTM-B-733, REV. 15, TYPE IV, CLASS 1, SC2			20	20 ✓	0
2	C3-13-4 Rev. ✓	KEEPER Job No./WO. 193897 MAT: - Prog./Prime: /COMM. GLASS BEAD BLAST WITH NO. 7 GRADE PER MIL-STD-1504, REV. C ELECTROLESS NICKEL PLATING PER ASTM-B-733, REV. 15, TYPE IV, CLASS 1, SC2			20	20 ✓	0
3	C10-4 Rev. ✓	LOCK Job No./WO. 193861 MAT: - Prog./Prime: /COMM. GLASS BEAD BLAST WITH NO. 7 GRADE PER MIL-STD-1504, REV. C ELECTROLESS NICKEL PLATING PER ASTM-B-733, REV. 15, TYPE IV, CLASS 1, SC2			12	12 ✓	0

DAS
61
9-89

RECEIVED

JUL 22 2019

DART AEROSPACE LTD.

CERTIFICATE OF COMPLIANCE : I certify that the parts included on this certificate have been processed as per specifications listed above and conform to all the requirements detailed in the contract or purchase order, this compliance is supported by a thorough inspection of parts and regular qualification of material processing facilities

Ultraspec Inc.
Authorized Signature

Fadi Suleman

Parts
Received by

All claims with reference to this order must be made within 30 days from receipt of good.



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044220



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044220

PO Date: 8/7/19

Due Date: 8/14/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-08-08

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	198524	PC250-300A	Load Beam Assembly (Outside Processing - Nickel Plate) -Issue P/O; -All noncertified parts specifying a finish of Nickel Plating per QQ-N-290, or parts with drawings that are missing a specification Can be Nickel Plated per ASTM B733 Type 4/5, SC0-SC4 or MIL-C-26074 Class 1/2 -Material type; -Heat treat must be carried out to specified hardness if noted on the drawing. -Plating thickness must be carried out as specified on the drawing. -Certificate of Conformity is required	Firmed	-	8/14/19	2 pcs	0 pcs	2 pcs	\$58.2169/pcs	\$116.43
2	197132	C10-9-4	Latch Shaft Bearing -Issue P/O; -Nickel plate, MIL-C-26074 Class 2 Grade B OR QQ-N-290A, Class 2, Grade E -Nickel Plate .0004-.0006 -Bake after plating -Material type; 4140 -Certificate of Conformity is required	Firmed	-	8/14/19	27 pcs	0 pcs	27 pcs	\$3.0669/pcs	\$82.81

2X AUG 15 2019

5201902

27 X AUG 15 2019

5194938



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER
POHB044220



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	193448	C45-4-4A	C45 Load Beam Assembly -Issue P/O; _____ -Nickel plate, MIL-C-26074 Class 2 Grade B OR QQ-N-290A, Class 2, Grade E -Nickel Plate .0004-.0006 -Bake after plating -Material type; 4140 -Certificate of Conformity is required	Firmed	-	8/14/19	7 pcs	0 pcs	7 pcs	\$25.5169/pcs	\$178.62
4	193895	C3-12-3	Lock - C3 Hook -Issue P/O; _____ -Nickel plate, MIL-C-26074 Class 2 Grade B OR QQ-N-290A, Class 2, Grade E -Nickel Plate .0004-.0006 -Bake after plating -Material type; 4140 -Certificate of Conformity is required	Firmed	-	8/14/19	20 pcs	0 pcs	20 pcs	\$3.4669/pcs	\$69.34
5	193897	C3-13-4	KEEPER -Issue P/O; _____ -Nickel plate, MIL-C-26074 Class 2 Grade B OR QQ-N-290A, Class 2, Grade E -Nickel Plate .0004-.0006 -Bake after plating -Material type; 4140 -Certificate of Conformity is required	Firmed	-	8/14/19	20 pcs	0 pcs	20 pcs	\$2.3669/pcs	\$47.34
6	196337	4.5NR-10	Lock Roller Pin -Issue P/O; _____ -Nickel plate, MIL-C-26074 Class 2 Grade B OR QQ-N-290A, Class 2, Grade E -Nickel Plate .0004-.0006 -Bake after plating -Material type; 4140 -Certificate of Conformity is required	Firmed	-	8/14/19	30 pcs	0 pcs	30 pcs	\$2.0669/pcs	\$62.01
7	193861	C10-4	Lock -Issue P/O; _____ -Nickel plate, MIL-C-26074 Class 2 Grade B OR QQ-N-290A, Class 2, Grade E -Nickel Plate .0004-.0006 -Bake after plating -Material type; 4140 -Certificate of Conformity is required	Firmed	-	8/14/19	12 pcs	0 pcs	12 pcs	\$4.5169/pcs	\$54.20
Grand Total:											\$610.74

Grand Total: \$610.74



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044220



Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/8/19 3:29 PM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance

(021397-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

021397 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
14-Aug-2019		Jigar Patel		POHB044220				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	PC250-300A Rev.	PC250-300A E-NIC STEEL 200 [E-NICKEL STEEL 200] ASTM B733, TYPE 4 / 5, SC4 - SC4 0.0009 " OR MIL-C-26074, CLASS 1 / 2 BAKE AFTER [REFER TO THE DRAWING]	E-NICKEL-200 CH	2	2	0	0	0
2	C10-9-4 Rev.	C10-9-4 E-NIC STEEL 200 [E-NICKEL STEEL 200] ASTM B733, TYPE 4 / 5, SC4 - SC4 0.0004 " OR MIL-C-26074, CLASS 1 / 2 BAKE AFTER [REFER TO THE DRAWING]	E-NICKEL STEEL CH	27	27	0	0	0
3	C45-4-4A Rev.	C45-4-4A E-NIC STEEL 200 [E-NICKEL STEEL 200] ASTM B733, TYPE 4 / 5, SC4 - SC4 0.0009 " OR MIL-C-26074, CLASS 1 / 2 BAKE AFTER [REFER TO THE DRAWING]	E-NICKEL ALUM CH	7	7	0	0	0
4	C3-12-3 Rev.	C3-12-3 E-NIC STEEL 200 [E-NICKEL STEEL 200] ASTM B733, TYPE 4 / 5, SC4 - SC4 0.0005 " OR MIL-C-26074, CLASS 1 / 2 BAKE AFTER [REFER TO THE DRAWING]	E-NICKEL STEEL CH	20	20	0	0	0
5	C3-13-4 Rev.	C3-13-4 E-NIC STEEL 200 [E-NICKEL STEEL 200] ASTM B733, TYPE 4 / 5, SC4 - SC4 0.0004 " OR MIL-C-26074, CLASS 1 / 2 BAKE AFTER [REFER TO THE DRAWING]	E-NICKEL STEEL CH	20	20	0	0	0
6	4.5NR-10 Rev.	4.5NR-10 E-NIC STEEL 200 [E-NICKEL STEEL 200] ASTM B733, TYPE 4 / 5, SC4 - SC4 0.0004 " OR MIL-C-26074, CLASS 1 / 2 BAKE AFTER [REFER TO THE DRAWING]	E-NICKEL STEEL CH	30	30	0	0	0

RECEIVED

AUG 15 2019

DART AEROSPACE LTD.



Certificat de Conformité / Certificate of Compliance

(021397-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupepaltech.com

Bon de Livraison / Packing Slip

021397 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.					
14-Aug-2019		Jigar Patel		POHB044220					
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté / N/C Qty	Qté Scrap/	À venir/ Back Order	
7	C10-4 Rev.	C10-4 E-NIC STEEL 200 [E-NICKEL STEEL 200] ASTM B733, TYPE 4 / 5, SC0 - SC4 0.0004" OR MIL-C-26074, CLASS 1 / 2 BAKE AFTER [REFER TO THE DRAWING]	E-NICKEL STEEL CH	12	12	0	0	0	
8	BAKING CHARGE Rev.	BAKING CHARGE 01-BAKING, HYDROGEN EMBRITTLEMENT RELIEF	BAKE MIN-CHG	1	1	0	0	0	

Notes Additionnelles / Additional Notes

2 mid-size
Boxes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Jg JAY

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.

IR

Oct 7/19



NCR No.

19-7407

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

Route update only

Job: _____		DISPOSITION		DEPARTMENT/PROCESS							
Part No. <u>All Dart Tools (non certified)</u>		Rework ☐ Scrap ☐ Use-as-is ☒		Skid-tube ☐ Machining ☐ Large Fab ☐		Cross tube ☐ Small Fab ☐ Finishing ☐		Eng. (Non-AW) ☒ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐		Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐	
Date :		Sequence #:		QTY Affected : <u>12</u>				MRB (QS1042) <u>M Lee</u> Oct 30, 2018			
Description Work Order Deviation				Disposition				Completed By			
All non certified parts specifying a finish of Nickel Plating per QQ-N-290, or parts with drawings that are missing a specification can be Nickel Plated per SAE-AMS-QQ-N-290 Class 1 or ASTM B733 Type 4/5 or MIL-C-26074 Class 1/2 Heat treat must be carried out to specified hardness if noted on the drawing. Plating thickness must be carried out as specified on the drawing.				This deviation is acceptable for all non certified tools that specify Nickel Plating. The fit, form and function of the part will be as originally intended. DAS 121 9-89				Lead hand / Supervisor			
								QC / QA Coordinator			
								SEP 05 2019			
Root Cause		FAULT CATEGORY									
Operator ☐		☐ Pressure/Forced		☐ Contamination		☐ Power Loss/Surge		☐ Positioned Wrong			
Manufacturing Process ☒		☐ Bending		☐ Misaligned/off center		☐ Folio/Program		☐ Outside Tolerance			
Equip/Tooling ☐		☐ Crushing		☐ BOM/Route		☐ Grain Direction		☐ Drawing			
Handling/Presservation ☐		☐ Cracks		☐ Broken/Damage/Defect		☐ Weld		☒ Finish			
Material ☐		☐ Crimp/Kink/Ripple/Wave/Twist		☐ Incomplete/Unclear Instructions		☐ Wrong Stock Pulled		☐ Part Lost/Missing			
Product Improvement ☐		☐ Marks/Chatter		☐ Drill Holes		☐ Out of Sequence		☐ Misread			
Process Improvement ☐		☐ Mislabeled		☐ Fit/Function		☐ Off-set/Set-up					
Human Factors ☐		Other/Details:									

Oct 7/19



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. 19-7407

Route update only

Job: <u>193861</u>	DISPOSITION		DEPARTMENT/PROCESS			
Part No. <u>C10-4</u>	Rework ☐ Scrap ☐ Use-as-is ☒		Skid-tube ☐ Machining ☐ Large Fab ☐	Cross tube ☐ Small Fab ☐ Finishing ☐	Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐	Engineering ☐ Water Jet ☐ Supplier ☒ Quality ☐
Date : <u>AUG 16 2019</u>	Sequence #: <u>QC 6</u>		QTY Affected : <u>1 OF 12</u>		MRB (QSI042) <u>WJD</u>	
Description Work Order Deviation			Disposition			
<u>"X" marker visible through the plating.</u> <u>PART CAN BE USE AS IS</u>			<u>THIS DEVIATION IS ACCEPTABLE TO USE AS IS</u> <u>FIT FORM AND FUNCTION WILL BE AS ORIGINALLY INTENDED</u>			
			Completed By <u>DAS 81</u> <u>9-89</u> Lead hand / Supervisor <u>inf</u> <u>19/09/05</u> QC / QA Coordinator <u>DAS 68</u> <u>9-89</u> <u>SEP 05 2019</u>			
Root Cause			FAULT CATEGORY			
Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☒			☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☒ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:						